

In the Abstract:

Please replace the Abstract with the following rewritten Abstract:

~~Disclosed is a device for the spectral selection and detection of the spectral regions of a light beam (1). The selection unit (2) comprises means (3) for spectrally splitting the light beam and means (6, 11) for blocking a spectral region and reflecting at least part of the unblocked spectral region. The detection unit comprises detectors (8) which are disposed in the beam path of the blocked spectral region and the beam path of the reflected spectral region. The inventive device is characterized in that detectors (8) are provided which have different designs and different detection properties or operate according to different detection methods.~~

An apparatus for the spectral selection and detection of spectral regions of a light beam includes a selection unit and a detection unit. The selection unit includes a spectral splitting device and a light blocking and reflecting device. The spectral splitting device is for spectrally splitting the light beam. The light blocking and reflecting device is for blocking a first spectral region and reflecting at least part of an unblocked second spectral region. The detection unit includes a number of detectors. At least one of the detectors is disposed in a first beam path of the blocked second spectral region. At least one of the detectors is disposed in a second beam path of the reflected first spectral region. Each of the detectors has a different detection property or uses a respective different detection method.